



Replacement Abstract

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09/381573

ABSTRACT

A device for cutting wood or other materials comprises a saw blade clamping device for radially and/or axially fixing circular saw blades mounted axially displaceable on a drive shaft. Support bodies are provided axially displaceable on the drive shaft for each circular saw blade. The axial displacement of the circular saw blades takes place by guide spindles running parallel to the axis of the drive shaft and passing through the support bodies. At least one clamping element is mounted in the drive shaft 1, 20. The clamping element is mounted radially displaceable. In a first stage, the circular saw blades which are mounted on the support bodies are thereby displaced. In a second stage, the circular saw blades or support bodies are connected to the drive shaft in keyed and/or force locking engagement. Through the device, a displacement of the cutting width is possible without the time and labor intensive dismantling of the saw blades. The support bodies for the circular saw blades are narrower than the known displacement heads for multi-blade circular saws. A larger number of circular saw blades can thereby be fitted on one axis.--

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FEB 15 2001

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